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CLAIMS

1. A driving device of an electric car having four or more wheels, all wheels having driving motors capable of driving and regenerative braking, placed therein, wherein a plurality of the wheels are selected so as to serve as drive wheels or regenerative brake wheels in accordance with traveling circumstances of the car.

2. The driving device of an electric car according to Claim 1, wherein, upon traveling on a level road and an upslope, the rear wheels or a group of the rear wheels are selected so as to serve as the drive wheels, and, upon traveling on a downslope, the front wheels or a group of the front wheels are selected so as to serve as the drive wheels.

3. The driving device of an electric car according to Claim 1, wherein the radially outer wheels are selected so as to serve as the drive wheels upon turning.

4. The driving device of an electric car according to Claim 1 or 2, wherein all wheels are selected so as to serve as the regenerative brake wheels upon braking.

5. The driving device of an electric car according to Claim 3, wherein the radially inner wheels are selected so as to serve as the regenerative brake wheels upon turning.

6. The driving device of an electric car according to Claim 1 or 2, wherein strokes of suspensions are used as

determining information of the traveling circumstances for selecting the drive wheels.

7. The driving device of an electric car according to Claim 3, wherein a steering angle of a steering wheel is used as determining information upon turning.